

# SmartPIN K100™

PCI Certified Modular PIN Entry Device

## Encrypted PIN Entry for POS

The SmartPIN K100 is a PCI 3.x certified PED (PIN Entry Device) designed for outdoor unattended POS operations where encrypted PIN entry is required.

## Applications

The SmartPIN K100 can be used in POS terminals for kiosks, fuel dispensers, vending machines, and other POS systems that accept credit and debit payments.

## A Secure and Rugged PED

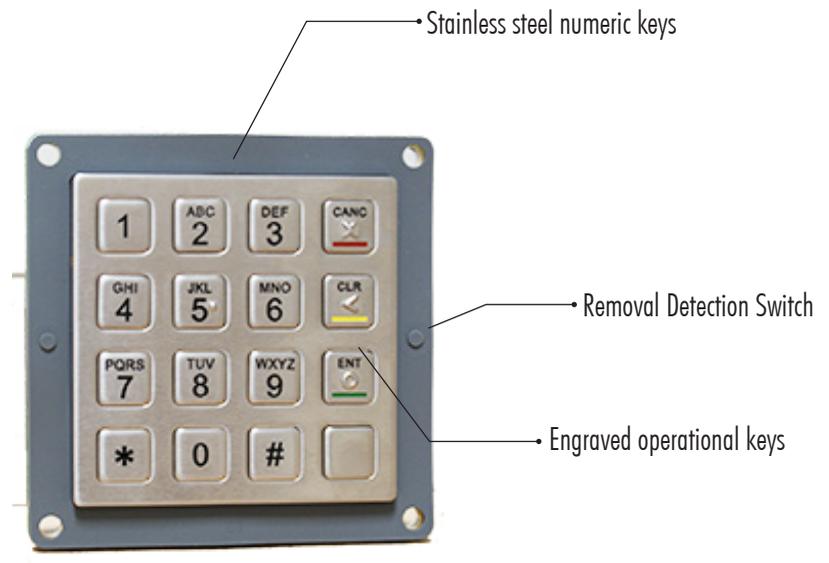
ID TECH's SmartPIN K100 is PCI compliant and certified for the highest degree of PIN security. The SmartPIN K100 supports TDES encryption algorithm using DUKPT key management and Master/Session. The SmartPIN K100 is robust and vandal resistant with waterproof keys to withstand splashed, spilled, & direct liquid spray. The molded metal body and stainless steel cover, along with metal engraved keys, allow the PIN pad to be used in unattended environments. The built-in battery maintains the cryptographic keys during power outage and storage.

## Secure Communication and Operation

The 16-key PIN pad is ADA compliant and it offers tactile and audio feedback with each keystroke. PIN entry is encrypted and securely transmitted over the RS232 or USB-HID communication interface.

## Features and Benefits:

- Payment Card Industry PCI-PTS 3.x Certified
- Meets ADA, ANSI and ISO standards for a PIN Entry Device (PED)
- 4 screw holes and built-in gasket for watertight mounting
- Waterproof (IP65 rated) and NEMA 4 rated keypad
- Removal detection and tamper resistant
- Secure scheme for authorized activation/installation
- Encryption algorithms: AES, DES and TDES for PIN encryption
- Clear and encrypted text input
- Key management: Master/Session, DUKPT
- Rugged, vandal resistant for outdoor, indoor & unattended applications



# SmartPIN K100™

## Specifications IDPB-90X000

### Electrical

Power Requirements: 5VDC, ± 10%, 150mA maximum

Interfaces: RS232 or USB

### Environmental

Operating Temperature: -13° F to 158° F (-25° C to 70° C)

Storage Temperature: -22° F to 176° F (-30° C to 80° C)

Humidity: Maximum 95% non-condensing

### Reliability

Operating Life: Minimum 2,000,000 operations

MTBF: 120,000 power-on hours calculated

ESD Immunity: Minimum 4KV direct contact & 8KV air discharge without resetting

Approvals: FCC, CE, and PCI 3X

Warranty: One year, parts and labor

### Mechanical

Dimension (L)x(W)x(H): 4.11 inches (104 mm) x 1.29 inches (32.71 mm) x 4.11 inches (104 mm)

Weight: 13.74 oz. (0.86 lbs)

Keys: Numeric (12), Operation (4)

Footprint:

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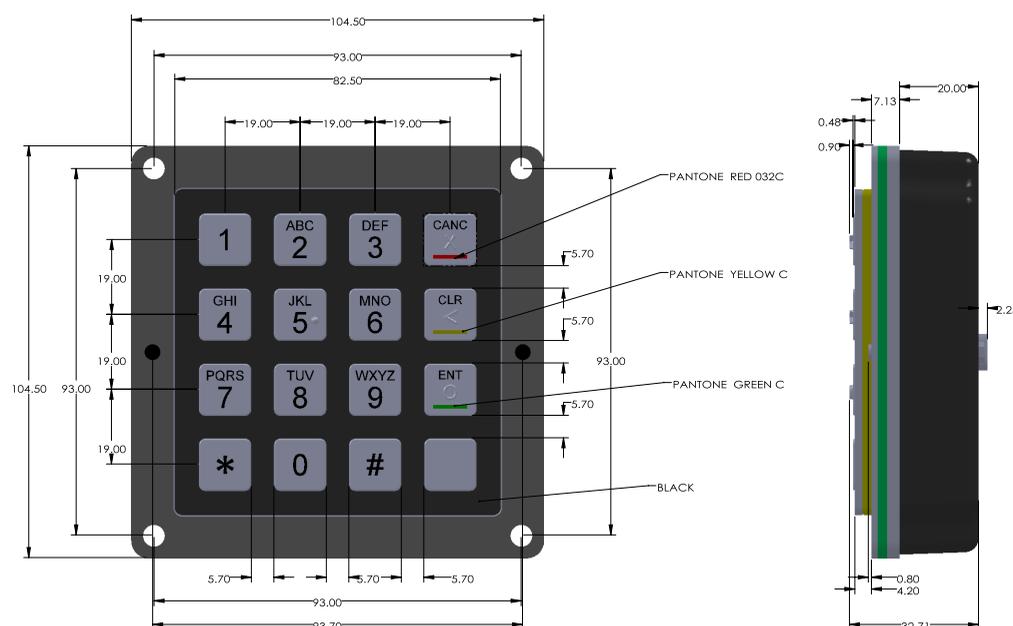
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